



**US Army Corps
of Engineers**
Louisville District ®

Public Notice

Public Notice No.
LRL-2017-19

Date:
1 FEB 2018

Closing Date:
5 MAR 2018

Please address all comments and inquiries to:

U.S. Army Corps of Engineers, Louisville District

ATTN: Layna Thrush, CELRL-RDS, Rm 752

P.O. Box 59

Louisville, Kentucky 40201-0059

Phone: (502) 315-6714

This notice announces an application submitted for a Department of the Army (DA) Permit, subject to Section 404 of the Clean Water Act:

APPLICANT: Tennessee Valley Authority (TVA)
1101 Market Street, LP 5D
Chattanooga, Tennessee 37402

LOCATION: Wetlands and unnamed tributaries to Little Bayou Creek located on the existing Shawnee Fossil Plant site near West Paducah, McCracken County, Kentucky.

Latitude: 37.13773 (N)
Longitude: -88.77454(W)

PURPOSE: Landfill construction.

DESCRIPTION OF WORK: TVA proposes the construction and operation of an on-site Coal Combustion Residual (CCR) landfill and upgrades to an existing access road connecting an adjacent property to the Shawnee Fossil Plant. Under the proposal an adjacent 88 acres would be converted into a landfill for the placement of CCR generated as waste by the power plant. Approximately 51 acres would be used as the waste storage facility and approximately 37 acres would be used for ancillary facilities such as CCR treatment and transportation facilities, sediment/stormwater ponds, leachate ponds, collection channels, access roads, and utilities.

Specifically, the proposed project would impact approximately 1.93 acres of jurisdictional wetlands and approximately 489 linear feet of jurisdictional stream (400 linear feet of intermittent stream and 89 linear feet of ephemeral stream).

The proposed landfill facility would be constructed and operated in accordance with 40 CFR Part 257 which regulates the disposal of Coal Combustion Wastes from Electric Utilities. In Kentucky, CCRs are regulated by the Kentucky Division of Waste Management per 401 KAR 46 which governs the management and disposal of CCRs. An application for a Registered Permit by Rule to construct the landfill was submitted to the KY Division of Waste Management in

January 2018.

AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES: During the jurisdictional determination process, it was determined that approximately 3,000 linear feet of stream and 5 acres of wetlands exist within the project area. An alternative was chosen that would minimize impacts to these waters resulting in the aforementioned proposed impact totals.

MITIGATION: As mitigation for the proposed wetland and stream impacts, the applicant proposes to purchase In-Lieu Fee (ILF) credits from the Kentucky Department of Fish and Wildlife Resources for stream impacts and purchase wetland credits from the West Kentucky Wetwoods Mitigation Bank 2, LLC. Monies paid to this fund are used to undertake stream and wetland restoration projects in the vicinity of the proposed impacts.

It is noted that this proposed mitigation plan is open to comment and subject to change. The Corps will make a determination of appropriate mitigation, upon review of all submitted information.

REVIEW PROCEDURES: A DA Permit cannot be issued if any legally required Federal, State, or local authorization or certification is denied. A DA permit, if otherwise warranted, will not be issued until a State of Kentucky Water Quality Certification or waiver is on file at this office. In order to comply with Section 401 of the Clean Water Act, the applicant, by this notice, hereby applies for State certification from the Kentucky Natural Resources and Environmental Protection Cabinet Division of Water (KDOW).

Copies of this notice are sent to the appropriate Federal and State Fish and Wildlife Agencies. Their views and comments are solicited in accordance with the Fish and Wildlife Coordination Act of 1956. Based on available information, the proposed activity will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. A request for a public hearing must state the specific interest which might be damaged by issuance of the DA Permit.

The National Register of Historic Places has been examined and it has been determined that there are no properties currently listed on the Register that would be directly affected by the proposed activities. With respect to other sites not currently listed on the Register, if we are made aware, as a result of comments received in response to this notice or by other means, of specific archaeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 -Public Law 89-665 as amended (including Public Law 96-515).

Regulatory Division
South Branch
Public Notice No. LRL-2017-19

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetic values, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and in general, the needs and welfare of the public. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines (40 CFR Part 230) promulgated by the Administrator, United States Environmental Protection Agency, under authority of Section 404(b) of the CWA.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written statements received in this office on or before the closing date will become a part of the official record and will be considered in the determination on this permit request. Any objections which are received during this period will be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. A permit will be granted unless its issuance is found to be contrary to the public interest.

Information pertaining to this application is available for public examination during normal business hours upon prior request. Drawings are available on Louisville District's Internet site at <http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. All comments regarding this proposal should be addressed to Layna Thrush; CELRL-RDS at the address noted above and should refer to the Public Notice Number LRL-2017-19.

If you desire to submit your comments by email, you must comply with the following:

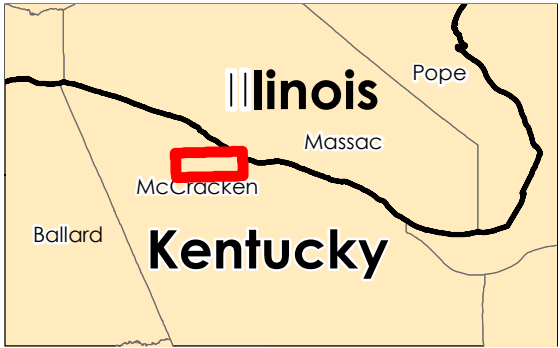
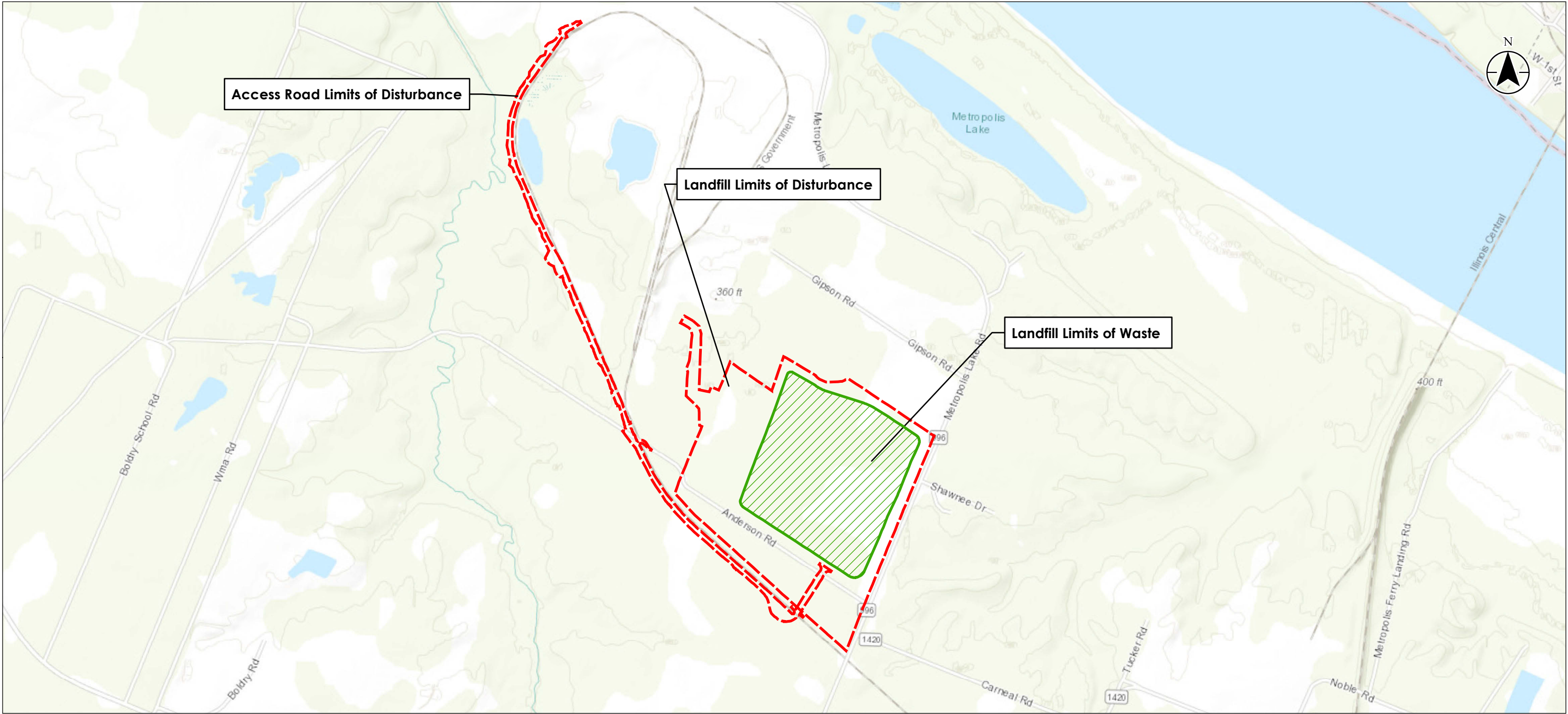
- a) In the subject line of your email, type in **ONLY** the Public Notice ID No. LRL-2017-19

Example: LRL-2017-19- (subject)

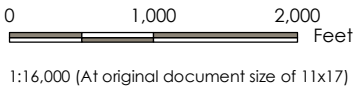
- b) Provide your physical mailing address and telephone number.

- c) Send your email to: lrl.regulatorypubliccomment@usace.army.mil

d) If you are sending attachments greater than 1 Mb in size with your email, you must send a hard copy (CD or paper) to the Corps' physical address as well.



- Legend
- Limits of Waste (LOW)
 - Limits of Disturbance (LOD)



Project Location
McCracken Co., KY

175556154
Prepared by CW on 2017-11-30
Technical Review by BB on 2017-11-30
Independent Review by LB on 2017-11-30

Client/Project
Tennessee Valley Authority
Shawnee Fossil Plant

Figure No.
1

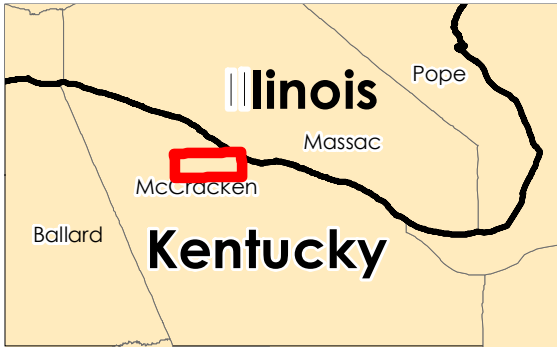
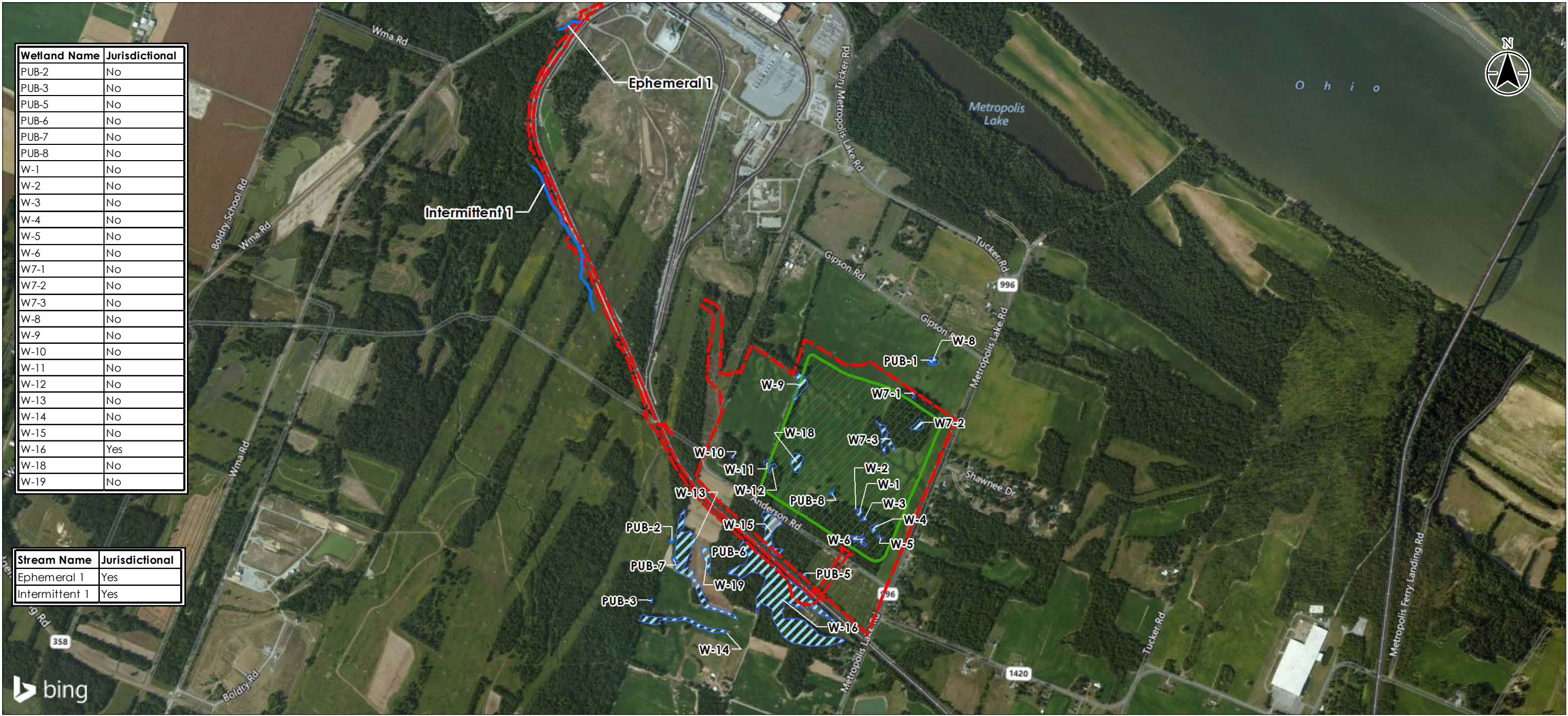
Title
**TVA Shawnee Fossil Plant
Site Location - Topographic Map**

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Sheet 1 of 3 -

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky South FIPS 1602 Feet
2. ESRI Topo Basemap

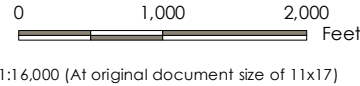
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Legend

- Stream (Ephemeral 1 and Intermittent 1 surveyed by TVA (December 2017))
- Limits of Disturbance (LOD)
- Limits of Waste (LOW)
- Wetland Type
 - Pond
 - Wetland

LRL-2017-19 -
Sheet 2 of 3



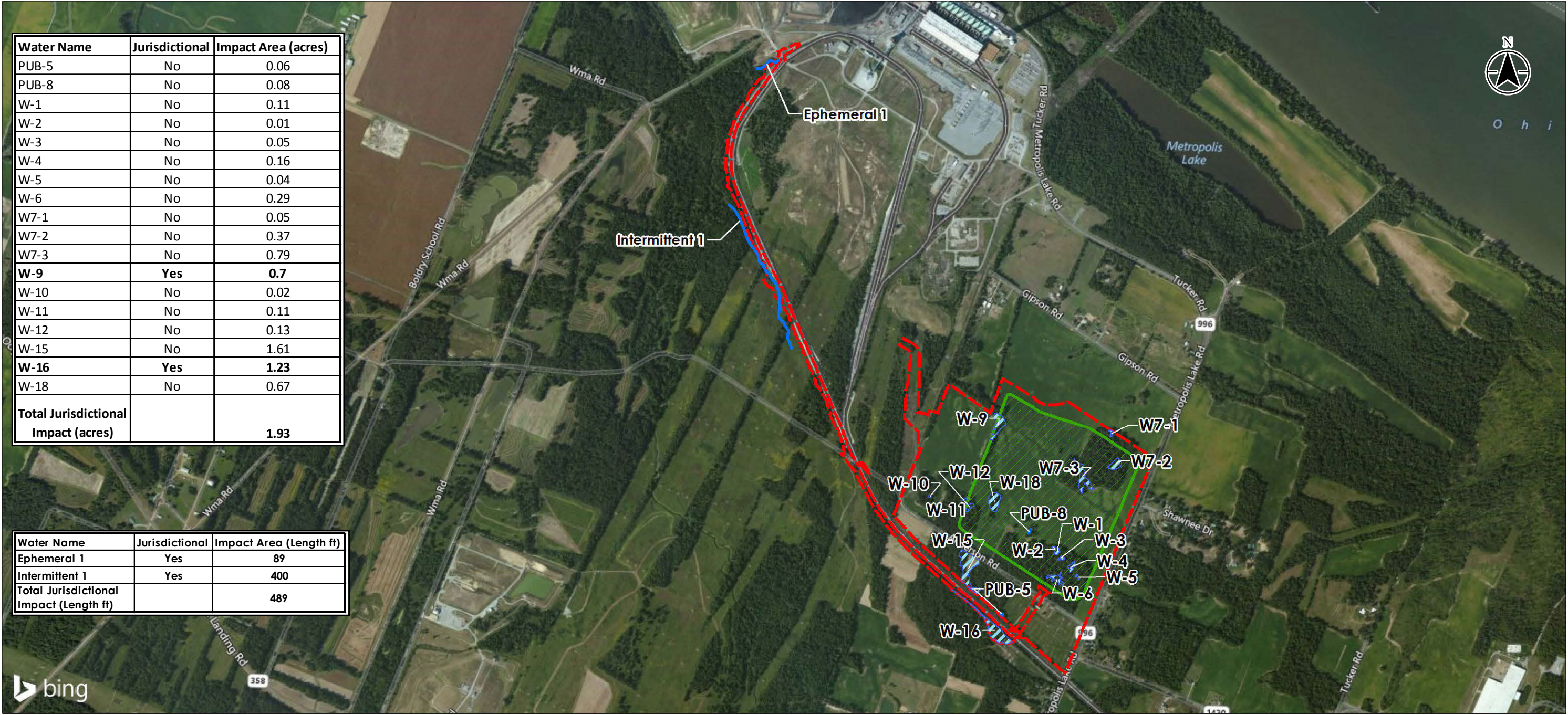
Project Location
McCracken Co., KY
175556154
Prepared by CW on 2017-12-21
Technical Review by BB on 2017-12-21
Independent Review by LB on 2017-12-21

Client/Project
Tennessee Valley Authority
Shawnee Fossil Plant

Figure No.
3
Title
**TVA Shawnee Fossil Plant
Site Location - Wetland Features Map**

Notes
1. Coordinate System: NAD 1983 StatePlane Kentucky South FIPS 1602 Feet
2. ESRI Aerial Imagery
3. Wetlands and Streams data obtained from AECOM Wetland Survey Report dated November, 2016
4. Ephemeral 1 and Intermittent 1 surveyed by TVA (December 2017)

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Water Name	Jurisdictional	Impact Area (acres)
PUB-5	No	0.06
PUB-8	No	0.08
W-1	No	0.11
W-2	No	0.01
W-3	No	0.05
W-4	No	0.16
W-5	No	0.04
W-6	No	0.29
W7-1	No	0.05
W7-2	No	0.37
W7-3	No	0.79
W-9	Yes	0.7
W-10	No	0.02
W-11	No	0.11
W-12	No	0.13
W-15	No	1.61
W-16	Yes	1.23
W-18	No	0.67
Total Jurisdictional Impact (acres)		1.93

Water Name	Jurisdictional	Impact Area (Length ft)
Ephemeral 1	Yes	89
Intermittent 1	Yes	400
Total Jurisdictional Impact (Length ft)		489



Legend

Stream (Ephemeral 1 and Intermittent 1 surveyed by TVA (December 2017))

Limits of Disturbance (LOD)

Limits of Waste (LOW)

Wetland Type

Pond

Wetland

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

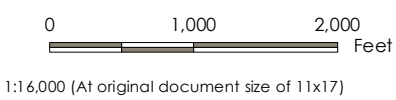
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Sheet 3 of 3 -



Project Location

175556154

Prepared by CW on 2017-12-21

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Client/Project

Tennessee Valley Authority

Shawnee Fossil Plant

Figure No.

4

Title

TVA Shawnee Fossil Plant

Site Location - Wetland Impact Area Map